

INTERNATIONAL SEARCH REPORT

International application No
PCT/IB 03/05445

A. CLASSIFICATION OF SUBJECT MATTER					
IPC 7	G11B7/0037	G11B7/0045	G11B7/007	G11B7/013	G11B7/24
	G11B7/26				

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 197 256 A (GERBER ARTHUR M) 15 October 1986 (1986-10-15)	1-4,7-9, 12,13
Y	page 9, line 21 -page 11, line 2 page 22, line 11 -page 23, line 20 page 29, line 29 -page 30, line 1; figures 8,10	4
Y	US 5 031 168 A (MOORE GEORGE S) 9 July 1991 (1991-07-09) column 13, line 43 -column 14, line 2; figure 4	4
X	US 5 896 366 A (OGAWA MASATSUGU) 20 April 1999 (1999-04-20) column 4, line 31 - line 48; figures 1A,1B	1
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Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

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- *Y* document of particular relevance; the claimed Invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the International search

2 March 2004

Date of mailing of the International search report

12/03/2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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X	US 4 855 984 A (GERBER ARTHUR M) 8 August 1989 (1989-08-08) * The whole document * ---	1
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Information on patent family members

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